

CLARIFICATION OF THE TAXONOMY OF
LEUCAENA SALVADORENSIS
STANDLEY EX BRITTON & ROSE

The nomen nudum *Leucaena salvadorensis* Standley was first published by him in Standley & Calderón (1925) in a list of El Salvador plants, without a complete description or designation of type. In their revision of the genus, Britton & Rose (1928) supplied a description and designated a type, giving the authority as Standley. Later, Standley & Steyermark (1946) reduced the species, cited as *L. salvadorensis* Standley ex Britton & Rose, to synonymy under *L. shannonii* J. D. Smith. Brewbaker et al. (1972) and Brewbaker in a mimeographed leaflet (1978) placed *L. salvadorensis* under the synonymy of *L. leucocephala* (Lam.) de Wit, and more recently Brewbaker & Ito (1980) treated it as a subspecies of *L. leucocephala* (also see Brewbaker's mimeographed revision, 1984). Zárate (1982, 1985) concluded that it was the same as the small-leaflet form of *L. shannonii* and returned it to synonymy with that species.

Recently, Colin Hughes, Brian Styles, and Angela Laguna have collected material in Honduras and Nicaragua (*C. Hughes* 332, 334, 446 (FHO, MEXU); *C. Hughes & B. Styles* 37, 102, 129 (FHO, MEXU); *A. Laguna* 427 (HNMN, MEXU)) referable to this taxon. From study of these specimens it became apparent that it deserves recognition as a subspecies of *L. shannonii*.

The dome-shaped or truncate-conic, oblong petiolar glands and the corolla-to-calyx length ratio of ca. 0.7 in *L. shannonii* and *L. salvadorensis* clearly distinguish these taxa from *L. leucocephala* with suborbicular or elliptic or obovate thick-bordered and furrowed to concave glands and a corolla-to-calyx length ratio of ca. 0.5. The more numerous pairs of pinnae and leaflets, 6–11 and 23–35, respectively; consistently narrow oblong leaflets, ca. 1.5 cm long; florets 4 mm long; and pods strongly stiped, 11–21 cm long and ca. 2.5 cm wide, separate it from the typical element of *L. shannonii* with (2–)4–

6(–8) pairs of pinnae, 8–22 leaflet pairs, very variable leaflets (0.8–)1–2 cm long, florets 3–3.5 mm long, and slender-stiped pods ca. 15 cm long and 1.4–2.2 cm wide. Therefore, the following combination is made.

***Leucaena shannonii* J. D. Smith subsp. *salvadorensis* (Standley ex Britton & Rose) S. Zárate, comb. et stat. nov.** Basionym: *L. salvadorensis* Standley ex Britton & Rose, Fl. N. Amer. 23(2): 125. 1928. TYPE: El Salvador. Morazán: Jocoro, *Calderón* 2031 (holotype, NY).

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